

BRIDGE GROUP

Inspection Report

Structure No.:	08194	Structure Name:	Pinal Creek RCB	Inspected by :	ADOT-Zapata/Kazmi
Route :	0	Road Name:	Sixshooter Cyn Rd	Inspection Type:	Routine
MP :	0	Agency:	Gila Co	Inspection Date :	Wednesday, May 6, 2020
ADOT District:	Southeast			Next Insp. Due By :	May 2024

NBI Condition Ratings			
N58 Deck :	N N/A (NBI)	N61 Channel:	6 Bank Slumping
N59 Superstructure :	N N/A (NBI)	N62 Culvert :	6 Deterioration
N60 Substructure :	N N/A (NBI)		

Appraisal Ratings			
N67 Structural Evaluation:	6 Equal Min Criteria	N71 Waterway Adequacy:	6 Equal Minimum
N68 Deck Geometry:	4 Tolerable	N72 Approach Roadway Align.:	6 Equal Min Criteria
N69 Vert. & Horiz. Clearances:	N Not applicable (NBI)	N113 Scour Critical:	8 Stable Above Footing

Inspection Notes
<p>Roadway/Safety:</p> <ol style="list-style-type: none"> Two-lane AC roadway is in good condition; ride is smooth. Fills are in good condition. Object markers are at all four corners of RCB. See Photo 1. Gas line pipe next attached to RCB next to north curb. Masonry wall on all corners behind wingwall. <p>Waterway:</p> <ol style="list-style-type: none"> Channel is wet at time of inspection. Sandy, rocky channel with moderate to heavy bank vegetation. Debris has built up at inlet walls, recommend maintenance to remove debris, see photo 5 and maintenance report. Flow is from south to north. Grouted rock apron (approx. 20' long) at RCB outlet has moderate to heavy abrasion. Drops a maximum of 2' at end of outlet apron. Inlet opening: 100 %; Outlet opening: 100 %; High Water Level: 0 ft below soffit at inlet. <p>Miscellaneous Inspection Notes:</p> <ol style="list-style-type: none"> This inspection was completed by ADOT Team 2. No previous repairs and maintenance items to verify. One new repair and one new maintenance item is recommended for this inspection. <p>Photos:</p> <ol style="list-style-type: none"> Roadway ID looking west Elevation ID looking Upstream (S) Deck Top with AC overlay and rebar exposed on north curb Barrel view Elevation ID looking downstream (N) Exposed rebars on north curb Exposed rebars on soffit next to south fascia Exposed rebars on outlet headwall

Element No.	Element Description	Quantity	Units	Env.	Condition State			
					1	2	3	4
241	Re Conc Culvert	52.00	ft	2.00	18	24	10	0

2- 10' x 4' x 26' RCB with 1' fill.

- Walls have hairline to narrow vertical cracks, small spalls at base with exposed rebar, and minor abrasion.
- Soffit has hairline to narrow random cracks and a few minor spalls with minor efflorescence, some abrasion and some delamination. West barrel has large soffit spall with exposed rebar at inlet.
- Floor has heavy abrasion.
- Curbs have large spalls with exposed rebar at NW and SW corners, see photo 3.
- Recommend repair to patch up and resurface all rebar exposed on this RCB, see photos: 3, 6, 7 and 8 and maintenance report.

1080	<i>Delamination/Spall/Patched Area</i>	4.00	ft	2.00	3	1	0	0
1090	<i>Exposed Rebar</i>	10.00	ft	2.00	0	0	10	0
1120	<i>Efflorescence/Rust Staining</i>	3.00	ft	2.00	2	1	0	0

BRIDGE GROUP

Inspection Report

Structure No. : **08194** Structure Name : **Pinal Creek RCB** Inspected by : **ADOT-Zapata/Kazmi**
 Route : **0** Road Name : **Sixshooter Cyn Rd** Inspection Type: **Routine**
 MP : **0** Agency : **Gila Co** Inspection Date : **Wednesday, May 6, 2020**
 ADOT District: **Southeast** Next Insp. Due By : **May 2024**

Element No.	Element Description	Quantity	Units	Env.	Condition State			
					1	2	3	4
1130	Cracking (RC and Other)	20.00	ft	2.00	0	20	0	0
1190	Abrasion(PSC/RC)	15.00	ft	2.00	13	2	0	0